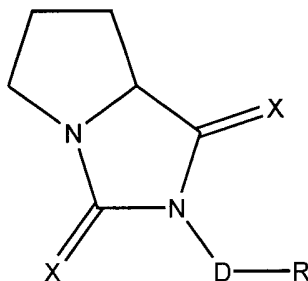


AMENDMENTS

IN THE CLAIMS

Please amend claim 1 to read as follows:

1 Sub 1. (Amended) A compound of the formula:



or a pharmaceutically acceptable salt, ester or solvate wherein:

each X independently is O, S, or NR₂;

R₂ is selected from the group consisting of cyano, nitro, hydrogen, C₁-C₄ alkyl, hydroxy, and C₁-C₄ alkoxy;

D is a direct bond or C₁-C₈ alkyl or alkenyl;

R is selected from the group consisting of hydrogen, phenyl, biphenyl, cyclopropyl, cyclobutyl, cyclopentyl, cycloheptyl, cyclooctyl, naphthyl, 1,2,3,4-tetrahydronaphthyl, indenyl, azulenyl, fluorenyl, anthracenyl, isoindolyl, indolinyl, benzofuranyl, benzothiophenyl, indazolyl, benzimidazolyl, tetrahydrofuranyl, tetrahydropyranyl, pyridyl, pyrrolyl, pyrrolidinyl, pyridinyl, pyrimidinyl, purinyl, quinolinyl, isoquinolinyl, tetrahydroquinolinyl, quinoliziny, furyl, benzofuranyl, thiophenyl, imidazolyl, oxazolyl, benzoxazolyl, benzoxazinyl, thiazolyl, isoxazolyl, isotriazolyl, oxadiazolyl, triazolyl, thiadiazolyl, pyridazinyl, pyrimidinyl, pyrazinyl, triazinyl, trithianyl, indoliziny,

C 2
C 2
pyrazolyl, pyrazolinyl, pyrazolidinyl, benzopyranyl, thienyl,
tetrahydroisoquinolinyl, cinnolinyl, phthalazinyl, quinazolinyl, quinoxalinyl,
naphthyridinyl, pteridinyl, carbazolyl, phenazinyl, phenothiazinyl,
phenoxazinyl, and adamantyl;

wherein R may be optionally substituted with one substituent which is selected from the group consisting of halo, hydroxyl, nitro, trifluoromethyl, C₁-C₆ straight or branched chain alkyl, C₂-C₆ straight or branched chain alkenyl, C₁-C₄ alkoxy, C₂-C₄ alkenyloxy, phenyl, phenoxy, benzyloxy, and amino;

wherein when R is hydrogen, then D is C₅-C₇ alkyl or C₅-C₈ alkenyl;

wherein when R is phenyl and D is a bond, then R is substituted with phenyl, hydroxyl, trifluoromethyl, C₂-C₆ straight or branched chain alkyl or alkenyl, C₃-C₄ alkoxy, C₂-C₄ alkenyloxy, phenoxy, or benzyloxy;

wherein when R is 4-trifluoromethylphenyl, then both X substituents are O;

wherein when both X substituents are O and D is C₂ alkyl, then R is not phenyl substituted with 4-nitro or 4-amino;

wherein when both X substituents are O and R is H, D is not C₁-C₈ alkyl;

wherein when both X substituents are O and D is C₁ alkyl, R is not phenyl;

wherein when both X substituents are O and D is a direct bond, then R is not phenyl substituted with 3-trifluoromethyl, 4-methoxy, 4-fluoro, 4-chloro, 3,5-dichloro, 4-methyl, 4-ethoxy, 4-bromo or 3,4-dichloro;

C4
C5

wherein when one X is O, the other X is S, and D is a direct bond, then R is not phenyl substituted with 3-trifluoromethyl, 4-methoxy, 4-bromo, 3,4-dichloro, 4-methyl, 4-chloro, 4-nitro or 3,5-dichloro; and

wherein when both X substituents are O and D is C₃ straight chain alkyl, then D is not phenyl substituted with 3-methoxy.
